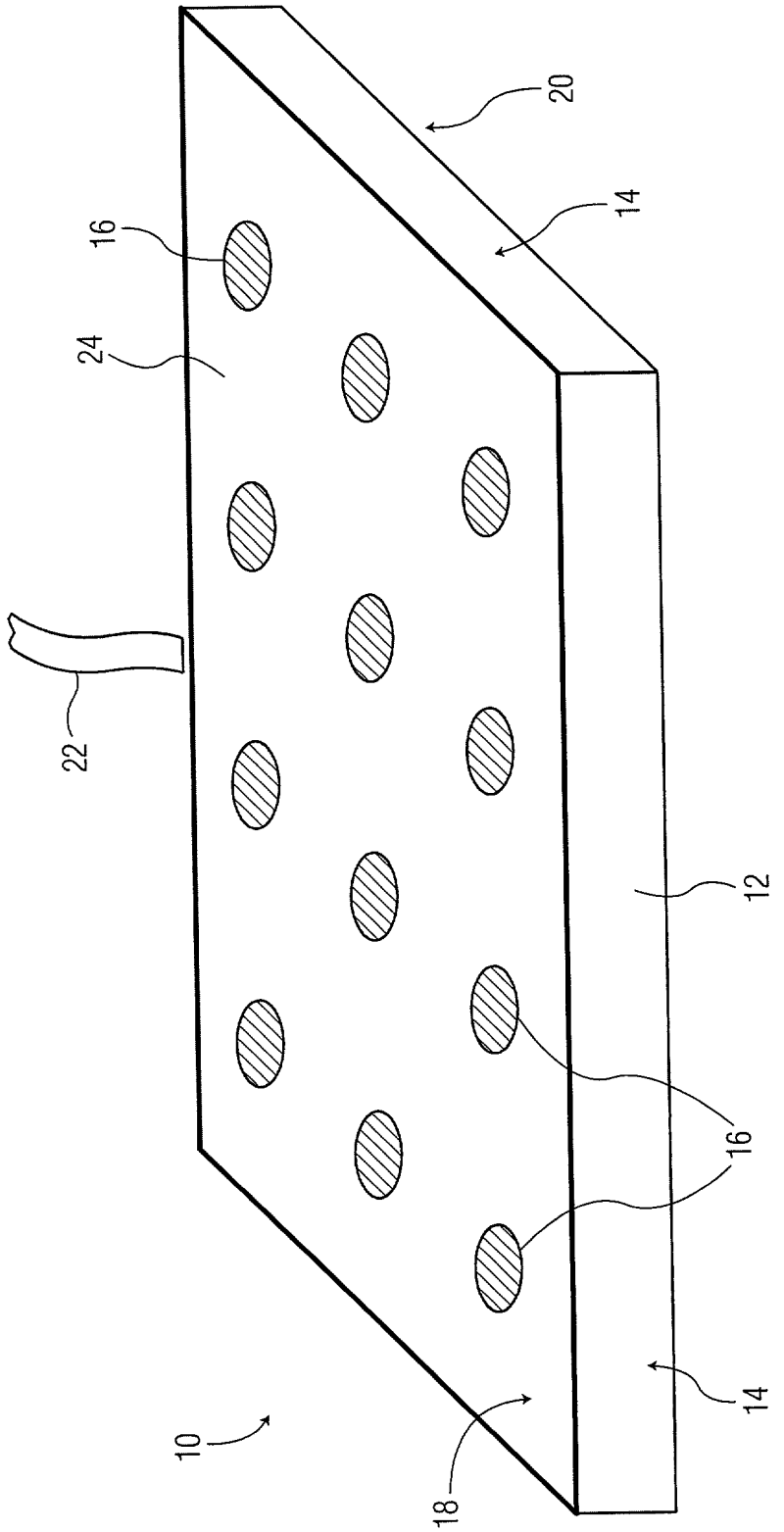

FIG. 1

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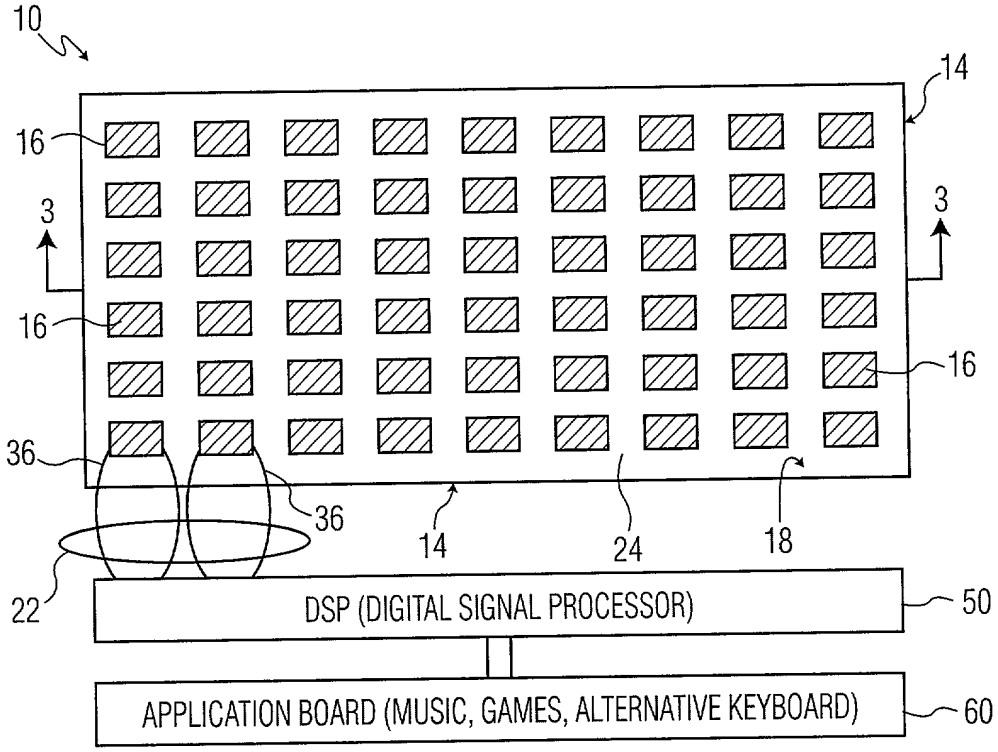

FIG. 2

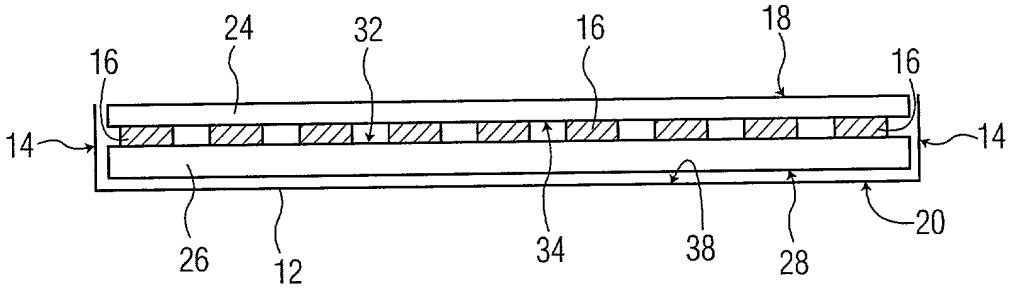

FIG. 3

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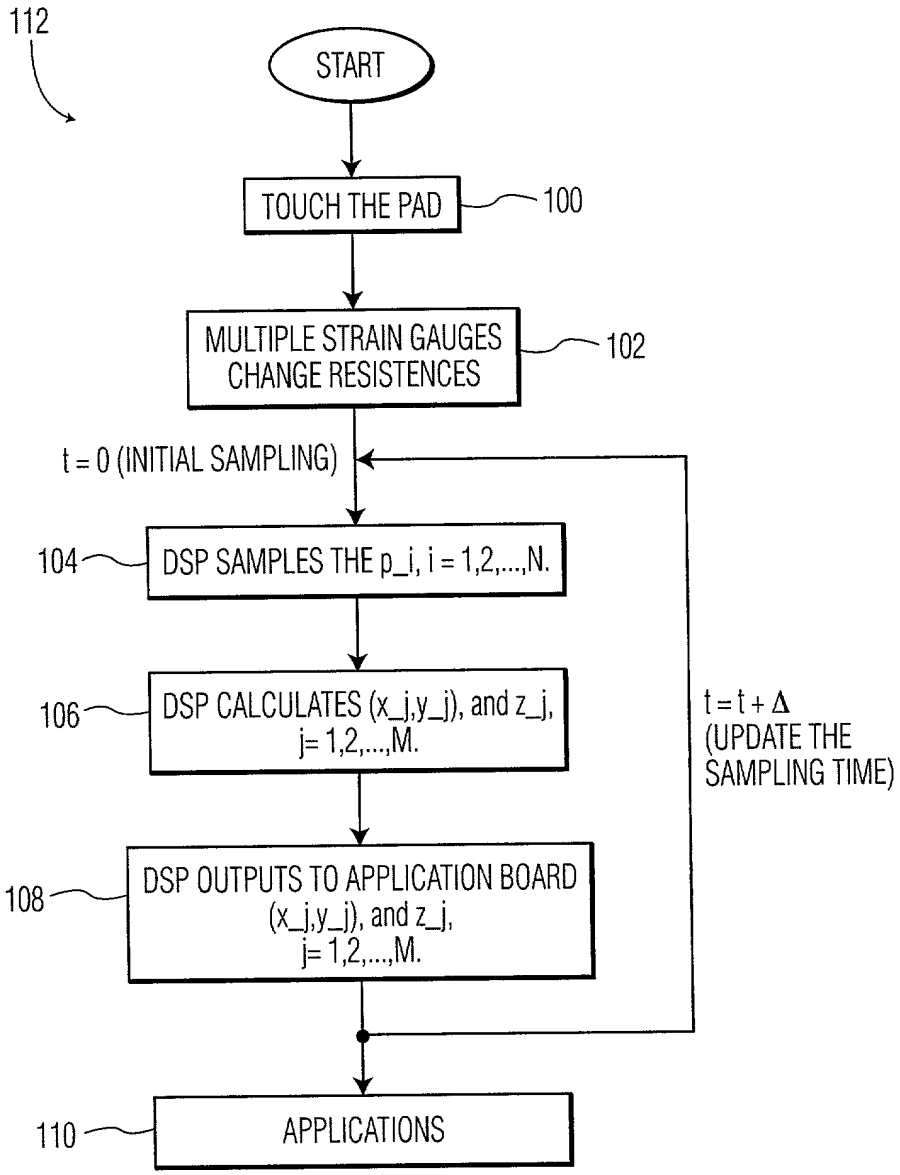
112
START
TOUCH THE PAD
100
MULTIPLE STRAIN GAUGES CHANGE RESISTENCES
102
t = 0 (INITIAL SAMPLING)
104
DSP SAMPLES THE p_i, i = 1,2,...,N.
106
DSP CALCULATES (x_j,y_j), and z_j, j= 1,2,...,M.
t = t + Δ (UPDATE THE SAMPLING TIME)
108
DSP OUTPUTS TO APPLICATION BOARD (x_j,y_j), and z_j, j= 1,2,...,M.
110
APPLICATIONS

FIG. 4